1	CLA	IMS:

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- 3 1. A locking system for attaching a first workpiece to a second workpiece
- 4 comprising:
- 5 an opening in said first workpiece for receiving a screw having a threaded
- first end, an opposite head end, and a collar having external
- 7 threads, said collar rotatingly affixed about a head of said screw;
- 8 and
- 9 complimentary locking threads in said opening in said first workpiece for
- engaging said collar to said first workpiece at said head such that
- axial and rotational movement of said screw is restricted when said
- first workpiece is affixed to said second workpiece by urging and
- rotating said threaded first end of said screw into said second
- workpiece.

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16 2. The locking system of claim 1, wherein said head is substantially spherical.

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- 18 3. The locking system of claim 2 wherein said threaded collar has a concave screw
- 19 head retaining cavity, said substantially spherical head of said screw adapted to be
- 20 rotatingly secured within said cavity.

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- 22 4. The system of claim 1 further comprising a wrench having an outer body with
- 23 outwardly extending blades and an inner rod rotatably extending through an inner

passage of said body, said rod having a screw face portion extending beyond a base of said body and adapted to engage said opposite head end of said screw, said blades adapted to engage a slot in a top face of said collar.

5. A fastener system for joining a first workpiece to a second workpiece comprising:

a screw having a head and a threaded body section, said head having a top
section to facilitate rotation of said screw; and

a locking collar having a top surface, a top opening, a bottom opening, a smooth, inner cavity, and a threaded outer wall, said threaded outer wall cooperating with a complimentary threaded inner surface of a collar receiving opening in said first workpiece to releasably secure said collar in said first workpiece when said collar is rotated in said collar receiving opening in a first direction of rotation, said inner cavity adapted to rotatingly retain and hold said head of said screw with said head top section exposed through said top opening of said locking collar and said threaded body section of said screw extending outwardly from said bottom opening of said locking collar sufficiently to engage and join said second workpiece when said threaded body section of said screw is rotatably urged against said second workpiece in a second direction of rotation.

6. The fastener system of claim 5 wherein said first and second directions of rotation are the same hand.

- 1 7. The fastener system of claim 5 wherein said first and second directions of rotation
- 2 are opposite hand.

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- 4 8. A fastener system of claim 5 further comprising a wrench having an outer body
- 5 with outwardly extending blades, an inner rod rotatably extending through an inner
- 6 passage of said body, said rod having a face portion extending beyond a base of said
- 7 body and adapted to engage said top section of said head of said screw, said blades
- 8 adapted to engage a slot in said top surface of said locking collar.

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